

**Abstract of the Disclosure**

5 A system is provided for improving data transmission to computers  
and computerized appliances connected directly or indirectly to the Internet or  
other wide area data network. In this system software at a proxy server uses  
prestored characteristics of client devices to translate data from Internet  
sources into a reduced-content form adapted specifically to the client device.  
10 Unique functionality for the system includes templates provided for  
specifying WEB page to client translation, and special scripts for prefetching  
pages in real-time. Systems are provided for many sorts of client devices and  
hosted devices.

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